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# W Series

## Digital Download of Recorded Data

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### *Compact, Economical, Digital Replay and Copy via High Speed SCSI Interface*

Heim A, D and GSR Series digital recording systems all produce digitally recordings on a variety of media, including DLT Tape, AIT Tape, Hard Disks and Solid State flash memory. All of these recorders can be equipped with available replay modules to reproduce recorded signal data in its original real time form. Many of them are also equipped with a high speed SCSI interface to provide direct digital sample data to the user's analysis platform. With two such machines available, digital-to-digital copying of recorded media to like or different media can be achieved for generating working, archival and distribution copies.

Many ground replay applications require only the transfer or copy of recorded data in digital form and there is no requirement to reproduce the signals in real time. The ideal and most economical solution is the W Series which features a media drive coupled to a high speed SCSI interface in a convenient desk top or rack mounting housing.

For media contained in cartridges (recorded in the D20f/D200f, GSR and D5000 Series mainframes) W Series models are available with single or dual plug-in cartridge receivers.

Data can be transferred to a host computer at the maximum speed of the media in use by simply-connecting the W Series via the integrated SCSI interface and using the FTrans file transfer application or the media copying application provided along with FTrans. Random access media capable of being recognized by Windows® as a 'drive letter' can transfer data under the control of the host's file manager application. This latter configuration will also provide data over networks when the host computer is networked.

A W Series unit can be used together with another W Series or any other A, D or GSR Series unit having a SCSI interface to provide a digital-to-digital copying facility. The dubbed media is a high fidelity copy of the original and can be made on the same or a different media type. Recorded Hard Drives and Solid State primary media can be copied to economical tape for distribution, archive and analysis.

Direct copying to the host hard drive will provide the fastest transfer, with actual speed being determined by the host processor performance and workload. Reconstructed real time data can be subsequently obtained from archived files by using the FTrans application and the SCSI input facility of GSR Series replay machines.

View of W20f with CRA-D5000  
and MT48 cartridge



# TECHNICAL DETAILS

<b>SYSTEM</b>	
General	Single or dual media drive connected via dual rear mounted SCSI interfaces.
Power	110/220 V, 50/60 Hz. Consumption is media dependent, typical 50 – 80 Watt
Data Rate	Media and host system dependent. Maximum data rate is determined by the lower of maximum continuous read speed of the recorded media and the effective maximum continuous write speed of the integrated copy media/host computer system.
Data Format	Compatible with DATaRec-2 or -3 formats
Software	Requires FTrans File Transfer Application to transfer raw data files and/or de-multiplexed signal channel data files in a wide selection of binary, ASCII and industry standard formats. FTrans is provided with a media-to-media direct copy application. Windows® File Manager can be used for transfer of raw files from hard disk and solid state media.
Dimensions	W20f: 261.5 mm (width), 130 mm (height), 308 mm (depth) W40f: 440.8 mm (width), 132.6 mm (height), 362 mm (depth)

<b>W SERIES MODELS</b>				
<i>Model</i>	<i>Media # 1</i>	<i>Media # 2</i>	<i>SCSI Connection</i>	<i>Housing Type</i>
W15 <i>HS100-0085</i>	AIT-2 Tape	none	Dual SCSI-2W 68 pin	Desk Top
W20f <i>HS100-2300</i>	Any D20f/D200f/GSR media cartridge	none	Dual SCSI-2W 68 pin	Desk Top
	Any D5000 media cartridge [requires cartridge receiver adapter]	none	Dual SCSI-2W 68 pin	Desk Top
W40f[AIT-2] <i>HS100-0090</i>	Any D20f/D200f/GSR media cartridge	AIT-2 Tape	Dual SCSI-2W 68 pin	19 inch Rack Mounting
	Any D5000 media cartridge [requires cartridge receiver adapter]	AIT-2 Tape		
	Any D5000 media cartridge [requires cartridge receiver adapter]	Any D5000 media cartridge [requires cartridge receiver adapter]		